ABSTRACT

Cylindrical base bodies for photosensitive drums according to first to fifth inventions are each formed by using a conductive resin composition containing a resin base material and a conductive agent dispersed in the resin base material. The base body of the first invention is characterized in that a dimensional accuracy is enhanced by using a mixture of a polyamide and a low water absorption resin as the conductive resin composition. The base body of the second invention is characterized in that a uniform and stable conductivity is obtained by using carbon black having a specific DBP oil absorption amount as the conductive agent. The base bodies of the third and fourth inventions are characterized in that a surface smoothness and a strength are enhanced by using a micro-spherical material or a flaked shape material, or a fibrous inorganic material having a specific fiber length and a specific fiber diameter as an inorganic filler for reinforcement added to the conductive resin composition. The base body of the fifth invention is characterized in that occurrence of charging noise is suppressed by using a composition having a specific $\tan\delta$ as the conductive resin composition.